

Message Text

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TAGS: TGEN, US, UR

SUBJECT: US-USSR S&T AGREEMENT: ELECTROMETALLURGY (01.03)

REF: MOSCOW 2516

1. SEE SEPTEL FOR GRANT LETTER TO GLEBOV. PLEASE
TRANSMIT FOLLOWING GRANT LETTER TO ANTONOV, WITH COPIES
TO GLEBOV AND INASHVILI. AS GRANT LETTERS RECEIVED JUST
PRIOR TO REFTTEL WOULD APPRECIATE EMBASSY SEEKING SOVIET
REACTION TO US PROPOSAL FOR VISIT LAST TWO WEEKS OF APRIL
OF USSR SPECIALISTS AND FIRST WEEK OF MAY FOR JWG MEETING.
RESPONSES TO SOVIET REQUESTS FOR INFORMATION ON ELECTRON
BEAM, SSJ AND ESR PROGRAMS WILL BE FORTHCOMING.

2. 01.03 - FEBRUARY 13, 1978

DR. S. P. ANTONOV
STATE COMMITTEE FOR SCIENCE
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AND TECHNOLOGY, USSR
COUNCIL OF MINISTERS
MOSCOW, USSR

DEAR DR. ANTONOV:

FIRST I WISH TO THANK YOU FOR YOUR SEVERAL LETTERS, FOR

YOUR KIND WISHES AND YOUR APPROVAL OF MY APPOINTMENT AS CO-CHAIRMEN OF THE US-USSR JOINT WORKING GROUP ON ELECTROMETALLURGY. I LOOK FORWARD TO WORKING CLOSELY WITH YOU AND OUR MANY COLLEAGUES AND HOPE THAT WE CAN MOVE AHEAD AS SMOOTHLY AND EFFECTIVELY AS YOU AND MR. PROMISEL DID.

MR. PROMISEL CONTINUES TO BE ACTIVE IN THE PROGRAM AND HAS BEEN GENEROUS WITH HIS GUIDANCE, TIME, AND GOOD WILL. HE ASKS ME TO SEND HIS KINDEST REGARDS TO YOU.

I'M AFRAID THAT WE LOST A LITTLE TIME AND MOMENTUM IN THE TRANSITION OF THE US CO-CHAIRMEN, BUT I AM SURE THAT WE CAN SPEEDILY CATCH UP AND KEEP THE PROGRAM MOVING.

1. I HAVE SEEN A COPY OF A LETTER FROM DR. PRESS TO ACADEMICIAN KIRILLIN APPROVING THE NAME CHANGE TO MATERIALS AND ELECTROMETALLURGY. I UNDERSTOOD FROM MR. PROMISEL THAT THIS WAS AN AGREEABLE NEW NAME, ONE OF SEVERAL, AND IT IS NOW BEING PROCESSED. THE SOMEWHAT DIFFERENT NAME IN YOUR LETTER, WITH TWO SUB-GROUPS, COULD ALSO BE USED, BUT PERHAPS IT'S TOO LATE NOW FOR FURTHER CHANGE. NEVERTHELESS, A TITLE SUCH AS MATERIALS AND ELECTROMETALLURGY WILL HAVE ACCOMPLISHED THE PRIMARY FUNCTION OF BROADENING THE SCOPE OF OUR JOINT GROUP TO ALLOW FOR INCLUSION OF OTHER RESEARCH AND DEVELOPMENT

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GROUPS.

2. IN DR. PRESS'S LETTER TO ACADEMICIAN KIRILLIN THE PROTOCOL OF SEPTEMBER, 1977, WAS APPROVED. YOU CAN CHECK THIS WITH ACADEMICIAN KIRILLIN, PERHAPS.

3. REGARDING VISIT DATES TO THE U.S., THERE HAVE BEEN A NUMBER OF SUGGESTED DATES AND FORMATS FOR THE PROPOSED MEETINGS OF SPECIALISTS. THE DATES PROPOSED IN YOUR EARLIER LETTER COULD NOT HAVE BEEN ARRANGED BECAUSE OF DELAYS ON OUR PART, BUT THE DATES SUGGESTED IN YOUR LETTER OF 3 JANUARY, WHICH I HAVE JUST RECEIVED TODAY, ARE MORE NEARLY POSSIBLE. TO ALLOW FOR NOTIFICATION OF DATES TO OUR MEMBERS, AND TO PERMIT ARRANGEMENTS TO BE MADE WITHOUT RUSHING, MAY I SUGGEST THE SIXTH SESSION OF THE US-USSR JOINT WORKING GROUP ON MATERIALS AND ELECTROMETALLURGY IN THE FIRST WEEK OF MAY, A LITTLE LATER THAN YOUR SUGGESTED DATE. THE WEATHER IN THE U.S. IS VERY VERY MUCH NICER EARLY MAY THAN IN EARLY APRIL. TRAVEL WILL ALSO BE EASIER AND MORE PLEASANT. THIS SHORT DELAY OVER YOUR SUGGESTED DATE WILL ALSO GIVE ME A LITTLE MORE TIME TO BECOME MORE FULLY ACQUAINTED WITH OUR U.S.

PROGRAMS, A TASK WHICH I AM NOW UNDERTAKING. IF THE ABOVE TIME PERIOD IS SATISFACTORY, PLEASE CONFIRM SO THAT WE CAN GET OUR PLANNING UNDERWAY.

WE WOULD THEN PLAN ON APPROPRIATE VISITS BY THE SIX GROUPS OF SOVIET DELEGATIONS IN THE SIX ON-GOING PROGRAMS DURING THE TWO WEEK PERIOD BEFORE THE JOINT WORKING GROUP MEETING IN EARLY MAY, NAMELY THE LAST TWO WEEKS OF APRIL.

I AGREE THAT TWO VISITS BY THE SOVIET GROUP IN 1978 WOULD TAKE TOO MUCH VALUABLE TIME. -

4. REGARDING THE STATUS OF PROGRAMS AND ACTIVITY ON UNCLASSIFIED

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CRYSTALLIZATION OF BIG INGOTS AND COATINGS FOR CUTTING TOOLS, I WILL ADDRESS THESE TOPICS SEPARATELY IN ABOUT ONE WEEK FROM NOW. I HAVE HAD INFORMATION FROM DR. DAUFMAN AND WILL WRITE TO YOU SHORTLY.

5. WE HAVE RECEIVED YOUR TWO NEW PROPOSED RESEARCH PROGRAMS, IN ACCORDANCE WITH THE PROTOCOL OF THE FIFTH SESSION OF SEPTEMBER 1977. THE FRACTURE AND FATIGUE PROGRAM IS EXCELLENT AND WE WILL RESPOND TO THAT PROPOSAL.

THE PROPOSAL ON SUPERPLASTICITY IS ALSO WELL PLANNED AND CLEARLY HAD MUCH THOUGHT PUT INTO IT; HOWEVER, SUPER-PLASTICITY IS ONLY ONE FORM OF HOT WORKING. WE HAVE NOT PREPARED A PROGRAM ON METAL WORKING UNDER PRESSURE, FOR WHICH I EXPRESS REGRETS. METAL WORKING UNDER PRESSURE IS ANOTHER FORM OF WORKING, BOTH HOT AND COLD. IF INDEED WE LOOK AT METAL WORKING AS AN ALL INCLUSIVE TOPIC, WE COULD INCLUDE SUPERPLASTICITY, METAL WORKING UNDER PRESSURE, CLOSED DIE FORGING, POWDER PREFORMS, AND MANY OTHER METAL WORKING OPERATIONS. MANY OF US DO NOT WANT TO SPLIT UP "METAL WORKING OPERATIONS" INTO NARROW DISCIPLINES. WE COULD UNDOUBTEDLY COVER MORE THAN ONE FORM OF METAL WORKING IN A MORE INCLUSIVE PROGRAM ENTITLED PERHAPS "UNCONVENTIONAL METAL FORMING TECHNIQUES," OR "SPECIALTY METAL FORMING METHODS."

AGAIN, I WANT TO ADDRESS THIS ENTIRE SUBJECT IN MORE DETAIL WITHIN THE NEXT WEEK OR TWO, AND WILL BE IN CONTACT WITH YOU. IF YOU HAVE ANY SUGGESTIONS, PLEASE WIRE ME.

I LOOK FORWARD TO MANY PLEASANT AND PRODUCTIVE YEARS OF COOPERATION WITH YOU. I'M SURE THE RESULTS WILL BE BENEFICIAL TO ALL CONCERNED. IN PARTICULAR I HOPE THAT UNCLASSIFIED

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YOU ARE NOW FULLY RECOVERED FROM YOUR RECENT ILLNESS AND
THAT 1978 WILL BE A HEALTHY, HAPPY AND PRODUCTIVE YEAR
FOR YOU.

SINCERELY,

NICHOLAS J. GRANT
CHAIRMAN, U.S. WORKING GROUP
ON ELECTROMETALLURGY

CC:
MR. GLEBOV
MR. INASHVILI. VANCE

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NNN

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